



SOUTHEAST GAP ANALYSIS PROJECT



Species Modeling Report

Common Tern

Sterna hirundo

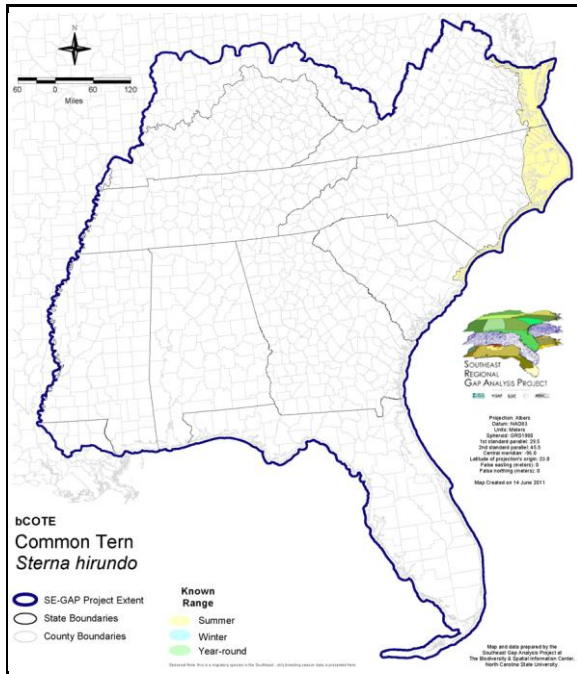
Taxa: Avian
 Order: Charadriiformes
 Family: Laridae

SE-GAP Spp Code: **bCOTE**

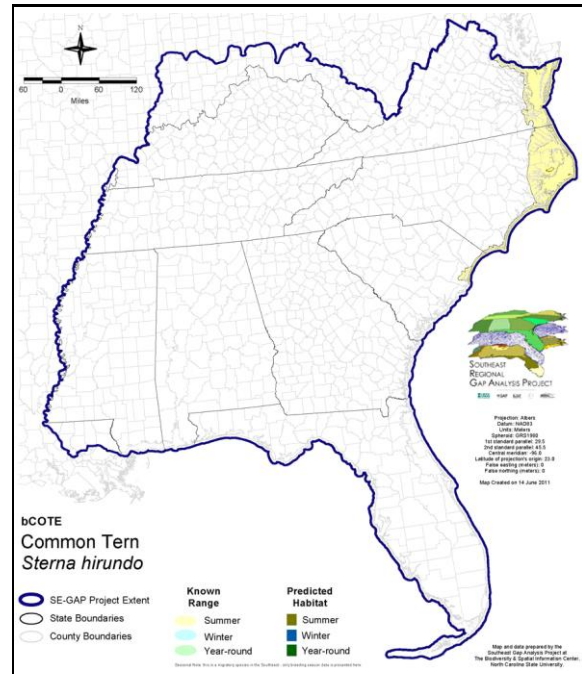
ITIS Species Code: 176888

NatureServe Element Code: ABNNM08070

KNOWN RANGE:



PREDICTED HABITAT:



Range Map Link: http://www.basic.ncsu.edu/segap/datazip/maps/SE_Range_bCOTE.pdf

Predicted Habitat Map Link: http://www.basic.ncsu.edu/segap/datazip/maps/SE_Dist_bCOTE.pdf

GAP Online Tool Link: <http://www.gapservice.ncsu.edu/segap/segap/index2.php?species=bCOTE>

Data Download: http://www.basic.ncsu.edu/segap/datazip/region/vert/bCOTE_se00.zip

PROTECTION STATUS:

Reported on March 14, 2011

Federal Status: ---

State Status: CT (SC), CT (SC), DE (E), ID (P), ID (P), IL (LE), KY (N), MA (SC), ME (SC), MI (T), MN (THR), NC (SC), NC (SC), NH (T), NJ (SC), NV (YES), NY (T), OH (E), PA (PE), RI (Not Listed), UT (None), VT (E), WI (END), BC (4 (2005)), ON (NAR), QC (Non suivie)

NS Global Rank: G5

NS State Rank: AK (S2M), AL (S1B,S4N), AR (SNA), AZ (S3M), CA (SNA), CO (SNA), CT (S3B), CT (S3B), DC (S1S2N), DE (S1B), FL (SNR), GA (SNRN), IA (S2B,S3N), ID (S1B), ID (S1B), IL (S1), IN (SXB), IN (SXB), KS (SNA), KY (SNA), LA (S1B,S2N), MA (S3B,S4N), MD (S4B), ME (S4B), MI (S2), MN (S2B), MO (SNA), MS (S1B), MS (S1B), MT (S3B), NC (S3B), NC (S3B), ND (SU), NE (SNRN), NH (S2B), NJ (S3B,S4N), NM (S4N), NV (SNA), NY (S3B), OH (S1), OK (S1N), OR (SNA), PA (SXB), RI (S3B), SC (S3?), SC (S3?), SD (S2B), SD (S2B), TN (S3N), TX (S1B,S3N), UT (SNA), VA (S3B), VA (S3B), VT (S1S2B,S2N), WA (S4N), WI (S1B,S2N), WV (SNA), WY (S1), WY (S1), AB (S3S4), BC (S4M), LB (S4B), MB (S4S5B), MB (S4S5B), NB (S3B), NF (S4B), NS (S3B), NT (SNRB), NU (SNR), ON (S4B), PE (S3B), QC (S5B), SK (S5B,S5M)

SUMMARY OF PREDICTED HABITAT BY MANAGMENT AND GAP PROTECTION STATUS:

	US FWS		US Forest Service		Tenn. Valley Author.		US DOD/ACOE	
	ha	%	ha	%	ha	%	ha	%
Status 1	12,840.0	8	0.0	0	0.0	0	0.0	0
Status 2	11,831.9	8	0.0	0	0.0	0	0.0	0
Status 3	613.8	< 1	90.7	< 1	0.0	0	6,152.0	4
Status 4	0.0	0	0.0	0	0.0	0	5.7	< 1
Total	25,285.8	17	90.7	< 1	0.0	0	6,157.6	4
	US Dept. of Energy		US Nat. Park Service		NOAA		Other Federal Lands	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0	245.3	< 1	0.0	0
Status 2	0.0	0	11,599.5	8	3,352.2	2	0.0	0
Status 3	0.0	0	9.3	< 1	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	11,608.7	8	3,597.6	2	0.0	0
	Native Am. Reserv.		State Park/Hist. Park		State WMA/Gameland		State Forest	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0	0.0	0	0.0	0
Status 2	0.0	0	0.0	0	5,223.1	3	0.0	0
Status 3	0.0	0	1,127.8	< 1	3,401.9	2	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	0.0	0	1,127.8	< 1	8,625.0	6	0.0	0
	State Coastal Reserve		ST Nat.Area/Preserve		Other State Lands		Private Cons. Easemt.	
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0	0.0	0	0.0	0
Status 2	8,894.8	6	5,620.1	4	0.0	0	0.0	0
Status 3	0.0	0	0.0	0	0.0	0	0.0	0
Status 4	0.0	0	0.0	0	0.0	0	0.0	0
Total	8,894.8	6	5,620.1	4	0.0	0	0.0	0
	Private Land - No Res.		Water		Overall Total			
	ha	%	ha	%	ha	%	ha	%
Status 1	0.0	0	0.0	0	13,085.4 9			
Status 2	0.0	0	0.0	0	46,521.6 30			
Status 3	0.0	0	0.0	0	11,395.4 7			
Status 4	79,774.3	52	2,882.7	2	82,662.7 54			
Total	79,774.3	52	2,882.7	2	153,665.1 100			

GAP Status 1: An area having permanent protection from conversion of natural land cover and a mandated management plan in operation to maintain a natural state within which disturbance events (of natural type, frequency, and intensity) are allowed to proceed without interference or are mimicked through management.

GAP Status 2: An area having permanent protection from conversion of natural land cover and a mandated management plan in operation to maintain a primarily natural state, but which may receive use or management practices that degrade the quality of existing natural communities.

GAP Status 3: An area having permanent protection from conversion of natural land cover for the majority of the area, but subject to extractive uses of either a broad, low-intensity type or localized intense type. It also confers protection to federally listed endangered and threatened species throughout the area.

GAP Status 4: Lack of irrevocable easement or mandate to prevent conversion of natural habitat types to anthropogenic habitat types. Allows for intensive use throughout the tract. Also includes those tracts for which the existence of such restrictions or sufficient information to establish a higher status is unknown.

PREDICTED HABITAT MODEL(S):

Summer Model:

Habitat Description: Usually nests on islands, sometimes barrier beaches or promontories attached to mainland, or salt marshes; occasionally freshwater marshes. Prefers sites with sand, gravel, shell or cobble substrates and with scattered vegetation for protection. Forages usually within 1km of shore on open, shallow, coastal waters, bays, inlets, and saltmarsh creeks (Nisbet 2002). M. Rubino, 31dec04.

Hydrography Mask:

Brackish/Saltwater Only

Utilizes open water features with buffers of unlimited from and 1000m into selected water features.

Selected Map Units:

Functional Group	Map Unit Name
Beach	Atlantic Coastal Plain Northern Sandy Beach
Beach	Unconsolidated Shore (Beach/Dune)
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh
Brackish Tidal Marsh & Wetland	Atlantic Coastal Plain Northern Tidal Salt Marsh
Coastal Dune & Freshwater Wetland	Atlantic and Gulf Coastal Plain Interdunal Wetland
Coastal Dune & Freshwater Wetland	Atlantic Coastal Plain Northern Dune and Maritime Grassland
Coastal Dune & Freshwater Wetland	Atlantic Coastal Plain Southern Dune and Maritime Grassland
Freshwater Tidal Marsh & Wetland	Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh
Freshwater Tidal Marsh & Wetland	Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh
Freshwater Tidal Marsh & Wetland	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh
Water	Open Water (Brackish/Salt)

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